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Nova University News, January 1977

Nova University

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CHARLES AND HAMILTON FORMAN BUILDING DEDICATED

DR. CHARLES AND HAMILTON FORMAN BUILDING
CENTER FOR OCEANOGRAPHIC RESEARCH



Hamilton Forman, Dr. Abraham Fischler and Charles Forman at the dedication of the Forman Building.

Two brothers grew up on a dairy farm on the land where Nova University and the rest of the Nova complex now stand. They have been honored for a long and effective period of service to the University and its sister institution, the New York Institute of Technology.

Chancellor Alexander Schure and President Abraham Fischler conducted dedication services Nov. 20 for the Dr. Charles and Hamilton Forman Building at the Oceanographic Research site, before a throng of friends and business associates to the two men.

Hamilton C. Forman was awarded an honorary degree of Doctor of Laws from NYIT, only the 12th in that institution's history. Dr. Charles Forman was awarded a special NYIT citation, so rarely given that only one other had ever been presented before.

Hamilton Forman is a trustee of the University and, with his brother, has been an outstanding supporter of educational and religious activities in this area for the past three decades. Dr. Charles Forman served two terms on the Broward County School Board and was the board member that proposed the study that in the early 1960's led to the creation of the Nova complex.

The site of the complex was a dairy established by their father, Hamilton M. Forman, and his wife Blanche when they came here as young people from Illinois in 1914. Part of the dairy became, during World War II, a U.S. Navy air facility called Forman Field.

It was Forman Field which was divided among three educational entities — the local school board, the University of Florida and the South Florida Education Center, Inc., an organization of citizens who founded Nova University.

The Forman brothers took a special interest in the Oceanographic Research Center from the time of its establishment in a houseboat and a collection of trailers off the Intracoastal Waterway in south-east Fort Lauderdale.

After the center was moved to its present site at Port Everglades, a tract of land provided by the Broward County Commission, the Formans made a substantial cash gift to the University which enabled the site to be developed.

At a breakfast at Pier 66 which preceded the dedication ceremonies at the Oceanographic Center, Dr. Schure traced the history and character of the Formans with these remarks:

(continued on page 8)

Mary McCahill Elected Chairman of the Board

Mrs. Francis T. McCahill of Fort Lauderdale has been named to succeed M. R. (Cy) Young as Chairman of the Board of Trustees of Nova University as it was announced that Nova has become the second largest private university in Florida with an enrollment of nearly 7,000 students.



Mary R. (Mrs. Francis) McCahill

Mrs. McCahill became the third individual to serve in the post of chairman in the University's 12-year history. Mr. Young was elected in 1973 to succeed founding chairman James Farquhar.

In announcing the appointment, Chancellor Alexander Schure noted that Mrs. McCahill, "during her 12-year residence in Fort Lauderdale has no doubt contributed more to the cultural and educational development of the community than can be fully appreciated."

"Appropriately, her appointment ushers in the second decade for the University, which in its short history has experienced a growth in enrollment from 17 graduate students in 1967 to approximately 6,800 undergraduate and graduate students today."

University President Abraham S. Fischler expressed his gratitude to Young for his outstanding leadership during the past three years, which have been difficult and uncertain but during which the institutional base was strengthened and expanded.

Also elected to serve as officers of the board were Robert A. Steele, president of Mack Trucks of South Florida, and Lester E. Moody, President of Moody Pontiac, as vice presidents, and Clinton M. LaGrosa, president of LaGrosa Furniture, as treasurer.

They succeeded Robert C. Ellyson, James Farquhar and William D. Horvitz, respectively. W. Tinsley Ellis, Hollywood attorney, will continue to serve as secretary. Ellyson, Farquhar and Horvitz will remain on the board.

Mrs. McCahill has served on the board since 1972. Last August she was honored by the University with a degree of doctor of humane letters.

The University's budget this year exceeds \$15 million—a highly significant increase from only \$1 million in 1970.

Six years ago, she commented, \$1 million was sufficient for our necessarily limited goals. Today we can visualize that our current budget will appear equally modest at the conclusion of Nova's second decade.

The greater part of the \$15 million, she explained, represents money flowing into the community in the form of research contracts and tuition fees.

Nova will continue to be a financial as well as a cultural asset to the county, she emphasized.

Entirely a private enterprise, receiving no local or state tax money, it is a cluster of educational and research centers, each of which is expected to be self-supporting.

It brings to Broward funding that places it in a category of industries ranked as the fifth largest employers in the county.

About 3,000 of the 6,800 students, Mrs. McCahill reported, are working administrators in school systems and government agencies outside Florida. These

students are working toward the degrees of doctor of education and doctor of public administration. They are principals and administrators in public school systems and community college faculty members in more than 20 states, and supervisory personnel in municipal, county, state and federal government agencies.

The next program of this kind to be inaugurated, the new chairman announced, will offer a doctorate in business administration—the only one in the United States that does not require the student to give up his job and live on campus.

Mrs. McCahill accepted the post of chairman at a brief luncheon ceremony on the campus.

She has long been prominent in the development of the Fort Lauderdale Museum of the Arts and the Atlantic Foundation for the Performing Arts and has served on the board of the Fort Lauderdale Symphony Orchestra Association.

National Alumni Director Appointed



Roy K. Wilson, an association executive in Washington, D.C. for the past 25 years, has been appointed national director of alumni programs for Nova University. In making the announcement, Dr. Abraham Fischler, Nova's president, said that Wilson will begin the new program of organized services for all of the University's graduates on January 1.

A native of Illinois, Wilson began early retirement in March 1976 following 25 years as the executive director of the National School Public Relations Association (NSPRA). For 10 of those years he served in a dual role: as director of press,

(continued on page 8)

ENROLLMENT INCREASES TO 6800

A dramatic increase in student enrollment at Nova University in the past year has pushed it over the 6,000 mark, President Abraham S. Fischler announced.

Enrollment has leaped from 3,399 to 6800 since last fall, he reported.

Nova is now the second largest private university in Florida, exceeded in size only by the University of Miami, Dr. Fischler said, although a large number of

Nova's students are in graduate programs outside the state.

One such program, offering doctoral degrees to Community College Faculty and Administrators, has 1,220 participants, most of them in states other than Florida. The National Ed.D. Program for Educational Leaders has 788 and the Graduate Program for Public Administration has 447.

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Dr. Fischler Honored by Sales And Marketing Executives

Dr. Abraham Fischler, President of Nova University, was honored by Sales and Marketing Executives of Fort Lauderdale, Inc., on December 14, 1976, at the Sheraton Hotel.

Three other Broward leaders who received SME's most prestigious award are Hugh Anderson, County Commissioner and President of Hugh Anderson Real Estate; Robert A. Steele, President of South Florida Mack Trucks, Inc., and Fred Pettijohn, First Vice President and General Manager, Gore Newspapers Company.

SME's Top Management is a program with the purpose of developing greater rapport between top management and sales management by helping to create a better understanding of aims, purposes and achievement of the sales management profession.

In recognition of their contributions to the social and economic welfare of the community, Dr. Fischler and the other honorees were awarded plaques.

TRUSTEE PROFILE...

Lester Moody



University Trustee Lester E. Moody became one of the first Fort Lauderdale businessmen to fall in behind the infant educational institution after it was chartered in the mid-1960's.

As president of the Broward County Automobile Dealers Association, Moody was one of those who responded most promptly when the founders of the University began seeking financial help from the business community. He rallied the dealers' organization and, as president of Moody Pontiac, made a personal commitment to lend a new car for the use of the president's staff.

An early member of Gold Key, Moody later became president of that support organization and moved from there to the Board of Trustees in 1974.

Since his arrival in Fort Lauderdale from Memphis, Tenn. in 1956, he has also

been engaged in community and civic services.

He is a director of the Miami Heart Institute and the Landmark First National Bank. In the past he has been president of the Executives' Association of Fort Lauderdale, the Broward Industrial Board and the Advisory Committee of Holy Cross Hospital. Presently he is vice commodore of the Lauderdale Yacht Club.

A native of Memphis, Moody has been equally vigorous in the pursuit of his business career.

He went into the automobile business at the age of 18, with a Plymouth distributorship in Memphis. By the time he was 24 he was president of the company. When he came to Fort Lauderdale to become president of Moody Pontiac, he was still only 27.

Message from the President

The first half of the 1976-77 academic year is drawing to a close and I am happy to report that to date our projections for the year, both program and monetary, are being met. This is due to the tremendous effort on the part of each program director in ensuring that quality education is delivered to the professionals who are seeking it.

Since the arrival of our new financial management team, financial information is now up to date and being delivered in a timely manner. Program directors and department heads are beginning to gain confidence in the reports they receive. This should provide for an open flow of information which will enable us to plan for the University's future growth in relation to its ability to perform.

August Paoli Chairs Law Board



August Paoli

Hollywood attorney August Paoli, who headed the \$500,000 fund campaign that made space available in the Parker Physical Sciences Building for the Center for the Study of Law, has become the new chairman of the Law School's Board of Governors.

He succeeds W. Tinsley Ellis, also of Hollywood, who has been a trustee of the University since its inception.

Paoli also is a trustee and long-time civic leader in South Broward, where he has been practicing law since 1947.

He has served as city attorney of Hollywood and chairman of the Florida Board of Bar Examiners. A director of the First National Bank of Hollywood and of Florida Bankshares, Inc., he has long been active in civic groups such as the Committee of 100 of Hollywood and the Council of 100 of Broward County.

A native of New York City, Paoli received his A.B. degree from Fordham University and his law degree from the

University of Miami, where he was the first editor of the Miami Law Review.

W. Tinsley Ellis, a native of Hollywood, was one of the group of civic leaders and educators who conceived the University and created its predecessor, the South Florida Educational Center.

Ellis graduated in law from Emory University in Atlanta and studied taxation at New York University. He has been an adjunct professor of tax law at the Center for the Study of Law.

GARY D. SMITH JOINS STAFF



Gary D. Smith has joined the administrative staff of Nova University as Director of Corporate and Annual Giving, a newly created post within the Office of Development, President Abraham S. Fischler has announced.

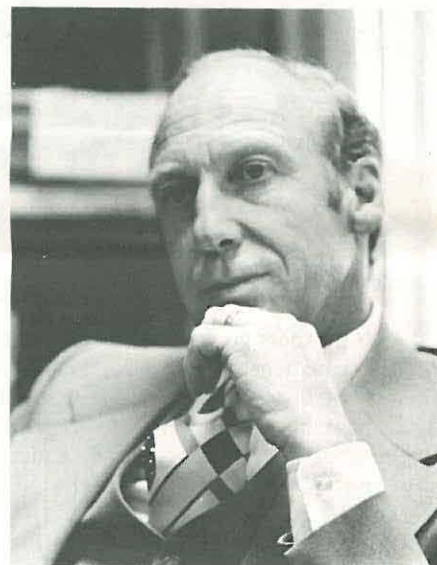
A business administration graduate from Miami University, Oxford, Ohio, Smith also attended the U.S. Coast Guard Academy where he was commissioned an ensign in 1958 and served as executive officer for Port Security in Savannah, Georgia.

Prior to joining Nova University, Smith had spent eight years with the Xerox Corporation, primarily in sales management and product marketing at Dayton, Ohio, and Ft. Lauderdale. Until joining the Development Staff he was major market manager, Southeast region, for the A. B. Dick Company.

Smith hopes to establish a working relationship with business and industry in Southeast Florida.

"We are implementing a theme of 'What Nova University can do for you,' while projecting ourselves into many new and exciting areas of development," says Smith. "In my judgment, our program is two-fold in purpose—incorporating immediate and long term benefits to the University itself, while providing our community with a viable resource for enrichment."

Smith resides in Pompano Beach with his wife Glenda and sons Dennison and Timothy.



Since this publication comes out during the holiday season, it is appropriate for me to thank all members of the University community—trustees, faculty, staff, students, alumni, Gold Key members, Royal Dames, Library Society members, and all the other individuals—for their support and to wish each and every person a Happy and Healthy New Year filled with true peace.

WILLIAM C. RUNNSTROM Elected Gold Key President

William C. Runnstrom, well-known marine industries executive, has been named president of Gold Key of Nova University. He succeeds Clinton Lagrosa as president of the organization whose purpose is to advance the interests of the University.

Other new Gold Key officers who were installed October 30 are John D. Benfield, president of Benfield International Corp., first vice president; William Benton, real estate builder and developer, second vice president; and Travis Dungan, construction executive, secretary-treasurer. To celebrate the occasion a Gold Key dinner dance was held at Pier 66.

"The goal of the new team is to add more distinguished members to the Gold Key group," says Runnstrom.

A prestigious organization of leading local business and professional men, Gold Key of Nova University was established at the inception of the University to counsel the Board of Trustees and help secure funds for the "Living Endowment" of the institution until such time as a permanent endowment fund could be established.

Membership in Gold Key is by invitation only. Gold Key members seek to help Nova University achieve its goal of becoming a leading institution, dedicated to meeting changing educational needs not only in South Florida but throughout the nation.



Members of Gold Key believe that the growth of Broward County toward financial and cultural maturity is dependent in some measure on the growth in the community of a distinguished educational institution. Gold Key as the University's most viable support group has played a vital role in Nova's growth during its first 12 years.

Runnstrom, a native of Chicago, moved to South Florida in 1963. He has had a background for many years in electronics and the marine industries. He was recently married in Sweden to Irene Markey of Miami Beach. Mrs. Runnstrom has her own Oriental arts business.

The Runnstroms reside in Fort Lauderdale and Miami Beach and are members of the Coral Ridge Yacht Club, Lauderdale Yacht Club, New York Athletic Club, Palm Bay Club, Le Club International, Navy League and La Gorce Country Club.

It is the policy of Nova University to provide Equal Employment Opportunities, without regard to national origin, race, religion, sex or age except when sex or age are bonafide occupational requirements. The University has established a specific program of Affirmative Action to insure that its personnel policies pertaining to recruitment, hiring and promotion will guarantee equal opportunity for all.

NOVA News

The voice of the third era in higher education

Nova News
Published by Nova University

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The OFFICE OF PUBLIC AFFAIRS has opened at its new location, 7501 S.W. 34th Court directly to the northeast of the University School.

ELA System Adapted By State Agencies

The Educational Leadership Appraisal (ELA) system, which has been extensively employed in Nova University's National Ed.D. Program, is now being adapted for use in State Education Agencies. The research and development is being supported by a Ford Foundation grant to the Council of Chief State School Officers. Educational Research Corporation (ERC), Watertown, Massachusetts, the firm that developed ELA for the National Ed.D. Program, was selected by the Council to conduct the research and development for State Education Agency application.

Dr. James Conner, Project Director, had extensively examined the available measures of educational leadership before concluding that ELA had the greatest potential for application in State Education Agencies. Gerald Sroufe, of Nova's National Ed.D. Program, provided Dr. Conner with much of the information about ELA and its use in the National Ed.D. Program.

ELA is a performance based assessment system; it employs techniques similar to those that have been used for three decades in assessment centers operated by a variety of businesses and government agencies. Each person being appraised is given a series of exercises to perform which are representative of the problems that an administrator must solve in the operation of a school system. Performance on the exercises is then assessed in terms of 20 leadership dimensions that have been shown to underlie educational leadership. Participants in the National Ed.D. Program are also taught to use ELA for personal assessment. They can then tailor their Nova program to fit their individual needs.

Since ELA provides an assessment of skills that are required on the job, and because Nova's ELA system was designed to assess school administrators, it could not be used by State Education Agencies without considerable research and exercise development.

Dr. Conner decided to test the application of ELA to state agencies in a series of studies that have been conducted throughout the year. The first study tested the appropriateness of the ELA

format in state agencies, using the exercises that were developed for Nova University. Subsequent studies were designed to develop exercises specifically for use in state agencies.

Wisconsin was the first state to test the ELA format. Dr. Barbara Thompson, State Superintendent, arranged for the Nova/ELA exercises to be used in conjunction with an Affirmative Action Workshop. ELA is well suited for this purpose since it is based entirely upon skills that are required on the job. ELA, therefore, differs from many other assessment procedures which measure qualities that are not necessarily related to job performance. Such tests are often unfair to minorities and to women since they may be able to perform well on the job in spite of poor test performance.

The Wisconsin workshop, which was held in May, established the validity of the ELA format in state agencies. Each of the participants indicated that ELA was related to the demands of their jobs and that the workshop provided them with a better understanding of their career development needs. Additional support for the validity of ELA was found when it was shown that patterns of strength and weakness on the ELA dimensions correlated with patterns that had been reported by key administrators.

After establishing the validity of the ELA format, further research was conducted to tailor ELA more specifically to the work of personnel in state agencies. State Commissioner Thomas Schmidt of Rhode Island cooperated with Dr. Conner and ERC in planning and conducting the necessary research.

The first objective was a careful description of the functions performed on the job by key middle-managers in the Rhode Island Agency. Job analysis is an essential component in the creation of ELA exercises, since the exercises must accurately reflect the more important functions that are performed on the job.

In September, a team from ERC went to Providence and interviewed selected personnel in the state agency. This was followed by a review of numerous documents and by an interview with a management team about the essential components of the middle-manager's job.

University Moves Toward Sound Financial Base

The following is a financial report from William McLaughlin, Director of Financial Affairs.

Nova University has grown in 10 short years from 17 students to 6,831, and during the past five years from 1,053 to 6,831. This dramatic and accelerating growth in number of students has caused stresses in many areas not the least of which has been in financial management. The recent history of inadequate cash flow, of fiscal record keeping that did not keep pace with internal and external requirements, and of repeated operating deficits has taxed the ingenuity of the Trustees, the President and other individuals responsible for "keeping Nova afloat."

The past is past, and it seems most appropriate now that we look at today and at the immediate future. Having been the University's Director of Financial Affairs for a brief six months, and having developed an awareness of Nova and its strengths and weaknesses, I choose to ignore the travail of the past and report optimistically about where we stand financially today and where it appears we will stand during 1977 and 1978.

Most businesses measure financial well-being by the "bottom line." Non-profit universities maintain financial accounts within the principles of fund accounting which means that there are several "bottom lines." For the fiscal year 1975/76 which ended June 30, 1976, Nova's financial reports include seven bottom figures depicting the balance in each of the funds. The net total of the seven fund balances was \$4.6 million compared to \$2.9 million at the end of the 1974/75 fiscal year. Assets totaled \$12.8 million. The most significant change was an increase in the current operating fund of \$336 thousand compared to a decrease of \$896 thousand for 1974/75.

\$15.8 million in income is anticipated during the current 1976/77 fiscal year—a substantial increase over the \$9.5 million received during 1975/76. Significantly, there is a much broader base of income than experienced during the 1975/76 and earlier fiscal years. The three external degree programs in existence for several years produced 40.8% of the income during 1974/75, 33.4% during 1975/76, and are budgeted to bring in 26.8% of the income during 1976/77. On the other hand, other academic programs produced 44.8% during 1974/75, 55.7% during 1975/76 (including two new ones started during mid-year), and are budgeted to produce 59.3% during 1976/77. Too, the Center for the Study of Law enrolled its third class during this fiscal year and now has a full complement of students. Several new programs are commencing this year.

Provided that the anticipated income is received during the year, it is planned to pay almost \$1.5 million in principal and interest on debt.

Cash receipts for the first 4 months of the current fiscal year (July-October)

The program has graduated its first group of community college teachers and administrators with the doctor of education degree; all of them have academic appointments. Ninety-one persons graduated in 1975. As a result of the program, hundreds of individuals are increasing their professional competencies, and at the same time bringing about positive and purposeful change in their individual institutions. They are also contributing to a more meaningful learning environment for the more than two million students studying in American community colleges.

The effect of this innovation on the preparation of community college leaders has only just begun. The first graduates appeared in the summer of 1975. The



have totaled \$4,303,000 and cash disbursements \$4,175,000 (including the full payment of a \$200,000 bank loan on October 15th). Cash flow has been close to that anticipated. With the improved cash flow, arrangements have been made with a number of vendors for substantial payments on account. These commitments have been and will be met during the next two to three months with resulting reduction of accounts payable as well as improved relationships with vendors.

The 1975/76 fiscal year financial transactions were reconstructed and unaudited financial statements and departmental reports completed. Concurrently, departmental reports have now been distributed for the period July-September. The "ACES" financial software system was abandoned and new programs developed by the Computing Center. These programs will be merged into new financial reporting system computer software being purchased from Information Associates, Inc. It is estimated that the complete system will be implemented during January. The new Digital Equipment Corporation Model 20 Computer is scheduled to replace the Xerox computer within a short period of time.

The reconstructing of the 1975/76 financial records, the payment arrangements with vendors, effective cash management during the past four months, the ability now to produce reliable and timely computerized financial information have improved our financial credibility internally as well as with vendors, the financial community and the Federal granting agencies.

It is anticipated that \$1,000,000 in tax exempt bonds will be sold during November and perhaps December. This will result in the payment of \$620,000 in short term loans from banks and individuals, and most importantly will convert short term "roll over" debt to long term scheduled debt with a hiatus on the payment of principal for five years. Approximately \$250,000 of the bond sale proceeds will be applied to the reduction of accounts payable. This, together with the payments being made from operating funds should result in the University's achieving an improved payable payment period by the end of the 1976/77 fiscal year.

Nova University's financial viability has improved and should continue to improve based on the broader base of income, better cash flow and the payment and rearrangement of debt using operating funds as well as the proceeds of the bond sales. There will be a significant improvement when the assets in the Leo Goodwin, Sr. Unitrust are distributed.

program's flexibility and its orientation to the improvement of institutions brings to community colleges a much needed boost in the direction of upgrading the skills of professional personnel and at the same time moving the institutions served to improve themselves.

NOVA RADIO MAGAZINE

This is the new title and format of our regular Nova radio program in which faculty, staff, students and guests are featured. Currently aired on WGMA, number 1350 on your AM dial, Sundays at 8 p.m., the program may also be aired on WGBS in the near future.

Dr. John Scigliano Co-Authors Article Defining Cluster Program

Dr. John A. Scigliano, Director, Ed.D. Program for Community College Faculty, is co-author with Eugene E. DuBois of "Staff Development: Nova Style" in the October issue of *Community and Junior College Journal*. Dr. DuBois is a national education professor, Nova University Program for Community College Faculty.

To excerpt from the article, the authors said:

Few institutions of higher education have provided for the preparation of large numbers of faculty for what is rapidly becoming the largest segment of the American higher education system.

One institution that has developed such a program and operationalized it in a field-based doctoral mechanism, purposefully designed to "reach-out" and provide graduate level in-service activities where the "people" are. This program, designed by Nova University, includes among its goals the improvement of institutions as well as the preparation of better practitioners.



The University is committed to saving a changing society, and believes in the following: all research and teaching activities are oriented to the self-directed student who is capable of translating his academic accomplishments into professional performance.

The authors describe the program's cluster format and review the University's modules of study...

The Nova University program appears expensive but it provides a flexible means for preparing doctoral candidates for the challenging assignment of working in community colleges with thorough preparation in practical problem-solving situations, while avoiding the dysfunctional and costly (to practitioners) residency requirements of most universities.

Seminar Offered on Science And The Law

Seven key scientific areas in which the law has yet to catch up to what scientists are discovering will be covered by Nova University's discussion seminar series on "Science Policy and the Law."

According to Dr. Joel Warren, Director of the Life Sciences Center, the program is unique in Broward County because it can bring together graduate students and faculty in law and biosciences to discuss fundamental policy questions being ducked by legislators and judges. Perhaps one of the most critical ones of our time is the possibility of uncontrolled research. In the series' first session, the risk to all humans on the planet from uncontrolled genetic recombining of material in bacteria and viruses, was tackled by four law professors at Nova University, Dr. Warren and scientists in the audience. In February, the subject of the seminar will be a similar problem, "Human Experimentation."

Law Professor Daniel Wilkes, co-coordinator of the series, charges that lawyers are not taking up the challenge of coping with such major problems. Specifically, he asks what is being done about other areas in which fringe developments are occurring? Are we heading for a world in which drugs won't be available in time

because the need to comply with regulations will take too long? This problem will be dealt with by pharmacologist and law professor Marianna Smith in January.

Suppose we help all developing nations to go from \$100 per family (sic) to \$1000 per family in the next 15 years and they are no better at protecting air and water from poisoning than we were? Will we see our own pollution controls frustrated, as we do now, when Chinese nuclear dust descends on Miami and New York on the same day? Lastly, will we find we've acted with too little, too late, to save our own Florida coasts? Will sports fishing be a thing of the past?

The moderator of the first session on Food and Population Crises, Nova University President Abraham S. Fischler, welcomed the start of the series with hopes for its expansion. The coordinators feel it has possibilities, with future grant support, to become a major identifier of neglected science policy-law problems in Florida and are asking both the legal and scientific local communities to pinpoint topics for next year.

The seminars are in the Parker Building from 4-5:15 p.m. on the second Monday of each month.

Law Students Intern

The Nova University Law Center is engaged in a clinical program for its charter class. Approximately 60 third-year students have been assigned to public agencies in Dade and Broward counties and are receiving experience in the representation of clients in and out of court.

Under Article XVIII of the Integration Rules of the Florida Bar, approved by the Florida Supreme Court, third year law students are permitted to represent clients both in and out of court under the supervision of a licensed attorney in certain controlled circumstances.

The Nova clinical program is limited to three types of field assignments in its first year. On the civil side, students are permitted to represent indigents at the Broward Legal Aid Society and Legal Services of Greater Miami, Inc. On the criminal side, students are working on criminal defense at the Dade and Broward Public Defender's Offices and on criminal

prosecution at the Dade and Broward State Attorney's Offices. In the future, other cooperating institutions may be added.

All certified interns are required to work 18 hours per week in their respective offices. There is a double level of supervision in the program. At the receiving agency, interns are directly responsible to a supervising attorney who is required to sign all pleadings filed by the student and to take ultimate responsibility for the conduct of the case. At Nova, Professors Bruce Rogow, Jon Sale and Steven Wisotsky administer the program, including planning and coordination of training seminars that feature lectures by guest attorneys who are practicing in the area. In addition, quality control is maintained by faculty inspection of the students' case files and review of their on-the-job performance.

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Prominent Judges Address Students

Three Broward County judges discussed "Sentencing, Sentencing Alternatives and Effectiveness of Present Drug Laws" Nov. 2 at the Nova University Center for the Study of Law. Joe Eaton, United States District Court, Southern District of Florida; James M. Reasebeck, Circuit Court of Broward County; and Daniel M. Futch, Jr., Circuit Court of Broward County were guests at a Criminal Procedure Seminar on Drug Abuse and the Criminal Process under the direction of Professor William Jones.

The seminar was designed to give students an in-depth view of the social and legal problems of abuse of narcotics, hallucinogens, depressants and stimulants and the way these problems are handled in the criminal process.

Guest speakers have included experts in the fields of pharmacology, treatment, drug identification, drug law enforcement, defending and prosecuting a drug case and probation, as well as Florida Congressman J. Herbert Burke.



An oil portrait of Peter W. Thornton, Founding Dean of the Nova University Law Center, has been donated to the University and hangs in the Law Library. The Student Bar Association commissioned the portrait and presented it to the library in behalf of the Law Center Student Body. It was painted by Paul Windham, artistic coordinator for the University.

Law Center to Publish De Jure



Cheryl Eisen, Sueann Stienman, Connie Kaplan, Lynn Gelman, Rita Wallach, Freda Pflaum, Dean Larry Hyde, Stuart Stein, Steve Wisotsky, David Holmes, Gary Sweet.

The Nova University Center for the Study of Law has announced plans to initiate publication of an annual law journal, entitled *De Jure*, beginning in April. The journal will focus on legal issues relevant to lawyers and will present them in precise, scholarly articles.

Looking ahead to *De Jure's* April 1 publication date, editor-in-chief Connie Kaplan said, "The editorial board is committed to presenting nothing less than a well-written, well-edited scholarly journal. We all have been working hard on this since last spring, and we are eagerly awaiting publication."

De Jure will contain written works from such authors as Ben Overton, Chief Justice of the Florida Supreme Court; Thomas Shaffer, Dean of the Notre Dame Law School; practicing attorneys from the South Florida area; and student contributors.

"For the immediate future, we intend to publish only once a year," Ms. Kaplan said, "but after *De Jure* gets established, I'm sure it will be published in several issues per year."

Joining Ms. Kaplan on the editorial board are Lynn Gelman, lead articles editor, Suanne Steinman, technical editor, David Holmes and Gary Sweet, student articles editors.

Faculty advisors to *De Jure* are professors Cheryl Eisen and Steven Wisotsky.

LEGAL RIGHTS . . .

A meeting on the Legal Rights of the Handicapped was held October 19, sponsored by Nova University Law Center and the Broward Center for the Developmentally Disabled. Bob Joyce was moderator and Harry Boreth and Professor Bruce Rogow were speakers.

"The meeting was an attempt to focus on the legal problems of the handicapped and begin to work towards the creation of a center for law and the handicapped here at Nova," according to Rogow. "We are still looking at various grant proposals and beginning to work our way toward submitting our own grant proposal," he said.

Law School Holds Career Day

Anticipating the graduation of its charter class this spring, Nova University Center For the Study of Law sponsored a Career Day Saturday, Oct. 23 to aid students in their search for employment.

The program, organized by Associate Dean Oscar M. Trelles II, was designed to give students practical information and insight into a diverse field of legal careers. To acquaint students with various careers, guest speakers were presented to describe their respective fields and to answer questions. They included Robert Zimmerman, Family Law; John H. Oltman, Patent Law; Frederick H. Samuels, Equal Opportunity Employment; Warner Olds, Public Defender; Marc Rohr, Corporate Law, Public Interest Law and Legal



Dr. Oscar Trelles

Services; Ray Ferrero, Personal Injury; Peter Friedrich, Estate Planning; Richard Alfieri, Taxation; Joseph Varon, Criminal Law; Linswood Cabot, Port Authority; Judge Mario Goderich, Workmen's Compensation; Thomas Goger, Law Book Editorial Research.

Gift Honors Michael Reed



The painful reminder of Michael Reed's death was evident in the face of his father, Arthur Reed, at a memorial ceremony at the Law School of Nova University.

Michael Reed, age 23, a member of the charter class of the Nova Law School was killed instantly in the flaming wreckage of his car after it hit a bridge abutment June 1, 1975. Young Reed had recently finished exams and was planning a summer wedding.

His father, who owns a cabinetmaking business in DeWitt, New York, presented a gift of a solid black walnut table to Laurance M. Hyde, Dean of the Center for the Study of Law. The table, an impressive piece of gnarled and heavily

knotted walnut, measures 13 feet by 45 inches. The top is six inches thick.

"The memory of Reed's youth and vigor in life and his dedication to his friends and loved ones will be long remembered," said Dean Hyde, expressing a deep appreciation to Mr. Reed for the table.

Also present at the ceremony were several law students, Oscar Trelles, Director of the Law Library, and William Spade, Assistant Director of the Physical Plant.

The gift will be on display in the Law Library, second floor of the Parker Building on the campus. On the table, inlaid in brass, a plaque bears this inscription: Michael Reed, Amicus Humani Genesis (Friend of the Human Race).

Terrorism and Hostage Taking

The need for negotiating expertise was emphasized by panelists Richard Kobetz, Irving Goldaber and Edward Powers in their discussion on Terrorism and Hostage Taking October 2 at the Criminal Justice Conference.

KOBETZ

"Negotiation is a function that works out a situation without loss of life," said Richard W. Kobetz, Assistant Director of the Professional Standards Division, International Association of Chiefs of Police, Gaithersburg, Md.

"The detaining of a person, as a pledge for the fulfillment of a demand, is a complex situation. It is a matter of timing. The negotiator must know when the situation moves from talk to action.

"The role of a negotiator is to function in the most effective way, thinking through on an intellectual basis. This can be done by using examples and probing into all the different ramifications before making any conclusions," he explained.

The negotiator has needs as a member of the tactical team, he pointed out. He must function as a team member, not as an individual. "The negotiator must be used to weapons and know the reality of what it takes to kill a person if the negotiations fail.

"Law enforcement agencies traditionally, when posed with a problem, react in an individual way," Kobetz said.

"Thinking a situation through is not a compromise. It is a part of the function to contain a situation without a blood situation resulting from it," he stated.

GOLDABER

"I believe we must set up a capability to communicate with terrorists in order to be able to bargain with them," said Irving Goldaber, Sociologist and International Consultant in Conflict Management, New York, in discussing the role of the negotiator in hostage taking.

"The approach of the negotiator will usually lead to the release of the hostages, whereas a hard line stance will more than likely lead to the death of someone," he said. The "Entebbe Affair" was a poor example of hostage taking, in Goldaber's opinion. "Think of the consequences if it had failed," he said.

The terrorists or hostage takers want to be taken seriously. "What people say in these circumstances is not always what they are, looking forward to — anticipating yes, but not always certain about."

Goldaber said that in his opinion there is not an individual who cannot be negotiated with. "These people want to be taken seriously; they are seeking to establish a reality of sincerity," he stated.

To be a negotiator in hostage incidents is both an art and a science, Goldaber said. "To qualify as a negotiator one must be an individual who is not manipulatable; will yet allow himself to be used, 'put together' himself, and recognizes the humanity and validity of people. The negotiator must be a person who can reach out to other people in a predicament."

What must be taken seriously by the negotiator is that he is working for the hostage taker, he pointed out.

The top priority is that there is only one priority. "The lives of the hostage, the bystander, the law officer and the hostage taker," Goldaber said.

POWERS

Edward Powers, chairperson of the panel, who spent 20 years with the New York Police Force and is presently a Director of the College Accelerated Program for Police, New York Institute of Technology, pointed out, "That the perpetrator has full intent to kill everyone, including himself, is a very great probability."

Professionals in the mental health field can supply information about the perpetrators but are in no way able to diagnose the situation, he said.

"Hostage taking is certainly not limited to terrorist situations," Powers noted. He listed four major problem areas on an escalating scale:

NATIONAL CONFERENCE ON THE ISSUES IN CRIMINAL JUSTICE



William Gelfant

A national conference on the key issues in criminal justice sponsored by the Nova University Criminal Justice Graduate Program was held Oct. 1-3 at the Ramada Inn, Fort Lauderdale.

The conference brought together 90 graduate students from nine states enrolled in the Nova program.

Speakers and panelists from New York, Texas, Missouri, Georgia, Connecticut, North Carolina, Canada and Great Britain addressed the weekend workshop. "This annual conference was dedicated to the improvement of the criminal justice system through education," stated William Gelfant, Director of Nova University's Criminal Justice Graduate Program.

Seminars on Criminal Justice in America, Canadian Criminal Justice, The Ambivalent Force—Police in America, English Police Development and Professionalization vs Unionization were presented on the opening day of the conference.

A discussion of Terrorism and Hostage Taking which opened the Saturday session was followed by Probation and Parole, Courts, Corrections, Juvenile Justice, and Concepts and Planning Toward a More Effective Criminal Justice System. A banquet was held that evening with guest speakers Ed Stack, Sheriff of Broward County, and Ed Powers, Director of College for Accelerated Police Programs.

"Criminal Justice authorities from throughout the nation conducted seminars which gave students the opportunity to gather as one body exchanging knowledge and ideas with national guest lecturers," Gelfant said. Sunday's topics were Education and the Criminal Justice System; Criminal Justice in Personnel, Administration, Organization and Management; and Perspectives on Labor Relations in Criminal Justice. A student paper session ended the workshop.

"The weekend workshop helped utilize an interdisciplinary approach —examining concepts and strategies dealing with emerging trends in the Criminal Justice System and Community," Gelfant added.



Richard W. Kobetz



Abraham S. Fischer



David G. Salten



Anabel P. Mitchell



Neil C. Chamelin



W. Herbert Moriarty



Jack O. Sandstrom



Irving Goldaber



James B. Merritt



Thomas C. Gray



Harold J. Vetter



Seymour Gelber



Louie L. Wainwright



Gordon E. Misner



James Curran

— Domestic incidents involving relatives or neighbors: The perpetrator in this situation need not use a gun; threatening his victim with only a fountain pen to intimidate him can get the same results.

— Robbery incidents: The primary act of robbery changes when the escape is blocked and the secondary incident be-

comes the taking of a hostage.

— Prison disorders: Hostage taking for escape purposes and to have prison demands answered.

— Sky-jacking: Unless demands are met the perpetrator uses the major threat of annihilating all the passengers.

Juvenile Justice

Punishment and/or treatment should be meted out to juvenile offenders with more consistency. This was the basic message given to graduate students at the University Criminal Justice seminar during a panel discussion on Juvenile Justice.

"Present thinking in Broward County and the State of Florida is manufacturing criminals," said Broward County Judge Herbert Moriarty. "The county and state will not accept responsibility for them," he asserted.

Speaking on the panel with Judge Moriarty were Dade County Judge Seymour Gelber, a former prosecutor and Denny Abbott, Supervisor, Department of Health and Rehabilitation (Youth Services) for Florida.

"The future is not bright. The hard core criminal child is not helped at all," said Judge Gelber.

"In the 76 years of juvenile justice, positive effects have not been produced," Abbott asserted. "Accountability is to blame for the dismal situation," he said.

Denny Abbott, speaking critically of the detention services, said, "Programs continue to operate that do not produce results. There should be critical program evaluation to find which are good and which are worthless.

"Fifty million dollars has been spent, but I do not believe that something positive is being done with the money."

Abbott said that educating the public about the programs has failed. "The programs will not be successful until the public knows the assets and the liabilities of the situation. It is imperative that we turn around delinquent behavior, and we are not doing this.

"The least trained, the lowest paid and the least competent are those involved in the detention field. Here is where the juvenile offenders need to be motivated toward changing behavior. We wait too late to jerk in the reins. If we did this the first time around and were consistent, there would be results. The public pays later because children need critical and skilled help at the beginning of a problem," Abbott said.

MORIARTY

Judge Moriarty referred to the juveniles who account for 50 percent of felony arrests in Broward County for armed robbery, aggravated assault, breaking and entering, and burglaries.

"These criminals are not punished or rehabilitated," he said. "The rehabilitative efforts are a fraud on the public.

"The fallacy that you are a friend of the juvenile and have to hold his hand results in the juvenile progressing more and more into the system," he stated. "After the fourth or fifth offense the juvenile is just that much worse and difficult to redirect," he said.

"Everyone is ready to put the blame on the economic factor, the family factor, any factor. The criminal comes to believe this—that there is no punishment for his crime. Everyone, including the criminal himself, forgets the most important factor—that he must be responsible for his own actions and bear the penalty for them," Judge Moriarty stated. "The juveniles must see the reality of what they are getting into."

GELBER

Judge Gelber feels the problem should be dealt with at the onset. "The delinquent first graders need help at this level," he said. "We should not wait until they reach the age of 17. The problems of the soft core child often begin at the age of seven when they start misbehaving in the school," he pointed out. "At this time their behavior starts setting a pattern."

"Cases that are brought into the courts must be treated on an individual basis," he pointed out. "You cannot lump the situations together and make a blanket decision on them," he said concerning the handling and sentencing of the juvenile offender.

OVERVIEW: NOVA UNIVERSITY OCEANOGRAPHIC LABORATORY

Director of Oceanography Dennis Moore

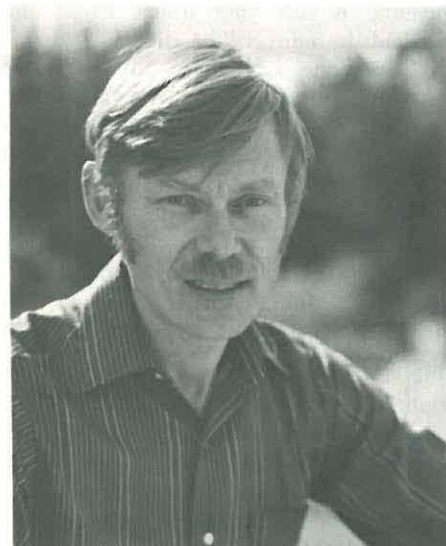


Dennis W. Moore, research geophysicist, professor of oceanography, author of ocean-related publications, born in Toledo, Ohio, away from the sea, is now its student, its teacher and advocate.

"I guess my love of the sea started during summer jobs at Woods Hole, on Cape Cod," says the Director of the Nova Oceanographic Laboratory. "I've always considered myself a New Englander," he adds. "I worked at both the Marine Biological Laboratory and the Woods Hole Oceanographic Institution for two summers. While I was at Harvard, our family went to Thailand with my father, a marine biologist, who was on a Fulbright Fellowship. Returning from Thailand in May, 1959, I joined the Woods Hole Research Vessel Chain in Athens, and worked aboard her that summer."

Dr. Moore now works only a few steps from the ocean in a houseboat that was the original Nova University Oceanographic Laboratory. There is an air of casualness at the Laboratory, a comfortable feeling projected by Dr. Moore and his staff. His office—informal and nautical—was the first library. Dr. Moore's most recent publications such as "Modern Measurements Techniques," with N. P. Fofonoff (1975) and "A Two-layer Model for the Separation of Inertial Boundary Currents," with P. P. Niiler (1974), along with his personal books and journals fill the library shelves.

Dr. Mark Wimbush Presents Paper at Assembly



Dr. Mark Wimbush, Nova University Associate Professor of Oceanography, has been engaged in intensive study of the relation of sediment movement to current flow in the Florida Straits for the Office of Naval Research, using current meters and time-lapse cameras. In September he delivered a paper on his research at a world-wide Joint Oceanographic Assembly in Edinburgh, Scotland.

"Ultimately we hope this research will give answers to problems created by deep

Dr. Moore studies models to determine the effect on the ocean of the changing wind stress acting on the sea surface. "Numerical models that have been run for the tropical regions seem to demonstrate that changes in the sea surface temperature distribution, around the equator, can produce marked changes in weather patterns and rainfall distributions," Moore explained. "Meteorologists and oceanographers believe that the ocean has an important role in the climate problem."

A cooperative world-wide program of meteorological research called the Global Atmospheric Research Program (GARP) has been underway since the early 1960's.

"In order to design this program we had to go out to do some preliminary measurements," Dr. Moore said in discussing his involvement with Indian Ocean research. He has served on the Index Organizing Committee and Theoretical Panel. "The first objective of Index is to try to understand the response of the Indian Ocean to the time-varying winds associated with monsoons in the atmosphere. The second is to determine the nature of the feedback which the ocean produces on the monsoon itself," Moore said. "We need to explore the ocean's complex interactive role with the Indian summer monsoon. Next summer, if it is funded, the program will have a workshop to take a look at all the preliminary data, the results of various models. Then in light of this we will begin to design in some detail the experiment to be done in 1978 and 1979," Moore said. The workshop is scheduled to be held at the Scripps Institution, La Jolla, California, next June.

Dr. Moore was graduated from Exeter Academy and received his A.B. from Harvard College in 1961. He took his M.A. in 1963 and Ph.D. in 1968 from Harvard University. He came to Nova University in 1968 and was appointed Assistant Professor of Oceanography. He became Associate Professor in 1971 and in July of this year Dr. Moore was named Director of the Laboratory.

Dr. Moore, his wife Carolyn and their two children Andrew and Megan live in Fort Lauderdale. Moore says he enjoys fishing during his free time. His wife, a graduate nurse, enjoys painting and gourmet cooking.

sea structures on the sea floor, mining and beach erosion. Some people are under the impression the floor of the ocean stands still. We'd like to know something about the make-up of the sediment on the ocean bottom at any given location. We want to know where the sediment comes from, how long it has been there and where it's likely to go," Wimbush explained.

A month prior to Dr. Wimbush's trip to Scotland he and his staff planned to recover the films taken by the equipment one half mile down in the straits. These pictures, when developed, would show in sequence the directions and rate at which the sand had moved during the study period. By showing the films at normal projection speed, a month of ripple movement can be viewed in a few minutes.

The equipment, designed by Wimbush and his associates in the Oceanographic Laboratory, consists principally of a triangular frame device made to hold a camera which photographs a 10 square foot area of the ocean floor. The frame also holds a current meter that records current speed and direction a few feet above the ocean floor. Several times an

(continued on page 10)



The research effort of Nova University's Oceanographic Laboratory is directed primarily toward an understanding of some major aspects of the physics of the sea.

Broadly stated, this effort includes study of the open ocean and coastal circulation and the energetics of the upper ocean waves and tides.

The Oceanographic Laboratory also has a strong interest in the development and application of new technology to oceanographic research. Several grants from the National Science Foundation and contractual support from the Office of Naval Research, the National Oceanic and Atmospheric Administration, the U.S. Coast Guard, the National Aeronautics and Space Administration, and the Bureau of Land Management have helped to support these research efforts.

"The basic purpose is to find out, through the course of research, the problems that affect us now," says Dennis W. Moore, Director of the Laboratory. "The solutions themselves may be far off."

In recent years faculty members and staff have been involved in such cooperative projects as the Mid-Oceanic Dynamics Experiment (MODE) and its joint US/USSR follow-on POLYMODE, the North Pacific Experiment (NORPAX), the Indian Ocean Experiment (INDEX) and the International Southern Ocean Studies (ISOS). Additionally, they have been involved, through both planning and research grants from the National Science Foundation, in the increasing emphasis on continental shelf investigations.

The Global Atmospheric Research Program, a joint international undertaking, will pool scientific information in preparation for the First Global Geophysical Experiment planned for 1978-9.

Engaged in extensive research on these projects with Dr. Moore are Dr. Mark Wimbush, Associate Professor of Oceanography; Dr. Robert Yager, Assistant Professor of Oceanography; Dr. Irving Brooks, Assistant Professor of Physical Oceanography; Dr. Russell Snyder, Associate Professor of Oceanography, Dr. Michael Spillane, Assistant Professor of Oceanography and research associates Alan R. Carr, Philip Bedard and Hendrik Daman.

Dr. Snyder has centered his research activities on a portion of the banks lying between Abaco Island and Grand Bahama, in the Bight of Abaco. Major aspects of tide study have been analyzed and reported by Dr. Snyder.

Dr. Michael Spillane currently is in charge of a buoy farm in Walker's Cay in the Bahamas where extensive work is

done on the testing of drifting buoys used to measure wind speed, salinity and water temperature.

Dr. Robert Yager, an active participant in MODE in 1973, is currently studying circulation of coastal waters in southeast Florida.

Dr. Irving Brooks is involved in field experiments in the Straits of Florida and the Caribbean. He has monitored major passages of water such as the Florida Current, Yucatan inflow and the movement of various other inflows into the Caribbean. He will utilize this information to analyze data for tidal information.

The Oceanographic Laboratory develops and builds drifting buoys and current meters which are deployed for scientific research.

"The function of the Oceanographic Laboratory as a whole is to get current and temperature measurements. The Laboratory is a technical support facility," points out Philip Bedard, Research Associate, "Government and educational institutions that buy or use this kind of current meter must have them maintained. They are complicated and need servicing—so are sent here. We at the Lab are filling a vacuum for the oceanographic community at large by this service," Bedard said.

Hank Daman, project manager for the National Oceanic and Atmospheric Administration, has been responsible for the development and testing of satellite-tracked drifting buoys. The fiberglass buoy is fitted with barometric sensors. "Every 12 hours a satellite update on the position of the buoy and correlation of sensor information is ultimately transmitted to the Goddard Space Center in Baltimore. At Goddard, scientists can obtain the information by requesting the buoy number," explained Daman.

"The Nova University Laboratory is in an ideal location for studying the Florida current and for research in the Bahamas," said Dr. Moore.

The Laboratory is the only academic institution in the country which owns and operates its own high precision navigation system. The research vessel at the Lab is outfitted with a highly intricate Hi-Fix navigation system which is a unique, mobile facility, much in demand. Its services are provided to other institutions whenever their requests can be accommodated, according to Moore.

The Laboratory has an excellent and very accessible research library—The William S. Richardson Library—and a flexible computing system, both of which are essential to research and to teaching programs.

Lynda Anne Calvert... Looks Back



Ten years ago Lynda Anne Calvert greeted visitors to the Fort Lauderdale Boat Show at Pier 66 aboard a houseboat designed for the newly created Nova University Oceanographic Laboratory. "The facility has grown so much since those days when I was taking tours through the houseboat at the marina," Ms. Calvert says.

There were six people who started under the direction of Dr. Bill Richardson

(continued on page 10)

Forman Dedication



August Burghard, Dr. and Mrs. Charles Forman



Mrs. Claude Kirk, Sr., Hamilton Forman, Mr. Claude Kirk, Sr.



Vice-Mayor Virginia Young, Dr. Alexander Schure, Chancellor Nova University, President, N.Y.I.T.



Fred Stevens, Port Commissioner, James Farquar

Tiara Ball



Mr. and Mrs. James D. Casto



Mr. and Mrs. Frederick Wiersum



Mrs. David F. Austin, President of the Royal Dames, reading a citation during the presentation of a gold and diamond pendant that was given to Mrs. Bernard Castro, founder and Chairman of the Board of the Royal Dames, by Mrs. Ernest Cooper, Tiara Ball Co-Chairman. The Royal Dames presented the pendant to Mrs. Castro for her dedication and service to cancer research at Nova University.



Mr. and Mrs. Roger E. Carter



Mr. and Mrs. John D. Benfield

Derby Ball Reception



General Chairman of the Florida Derby Ball to be held March 3 at the Indian Creek Country Club, Miami Beach, at a reception in the home of Mr. and Mrs. Robert Steele. Madeline Monberg (Mrs. Lawrence), Lawrence Monberg, Millicent Steele (Mrs. Robert), Robert Steele, Mrs. Eleanor Hansberry.

Southern Yacht Brokers Association Barbecue



Mr. Joseph Murphy, Assistant to the President at Nova University; Mr. Bud Huch, Director of Marine Development at the University; Mr. Arthur Brown, President of Southern Yacht Brokers Association.



Jo Bliss, John Ake of Luke Brown & Associates, Jake Connors, North Palm Beach Yacht Sales and William Monro, Yachting Magazine.

Navy League Reception



Mr. & Mrs. Alphonse Della-Donna and Mary McCahill, Chairman of the Board of Trustees



Dr. & Mrs. Charles Forman

GPPA Holds Third National Workshop

The third National Workshop of the Graduate Program in Public Administration was held November 7-11, 1976 with more than 100 participants and visiting cluster directors in attendance.

A Cluster Director Clinic was held by Dr. Samuel Humes on Saturday, November 6 to review cluster director programs, policies and problems and to review marketing techniques and the role of the cluster directors from Chicago, Huntsville (Alabama), Washington, D.C., Delaware Valley, Orlando, Northern Virginia and Southern California.

The National Workshop began on Sunday, November 7, with a welcome by President Abraham S. Fischler and a review of the GPPA Program by professors Samuel Humes, George Graham and Douglas Yoder. Following an evening barbecue, Thomas Baynes, Associate Professor of Law (on leave as a National Judicial Fellow) spoke on "The View From the Courts," and discussed the impact of public administration on the future organization of the federal judicial system.

Weekday morning sessions reviewed proposals for job-related analytical reports. These clinic sessions were led by central staff or cluster directors in attendance and utilized three participants in a rigorous analysis of individual JAR proposals. On Monday afternoon, Dr. Herbert Morton, editor, economist and director of public affairs of Resources for the Future, Washington, D.C., discussed national economic policy and alternatives available to a new national administration. Groups of participants discussed national economic policy and returned to a plenary session where debate was held. In the evening, the subject, "The View From the Legislature," was led by Kentucky State Senator Tom Easterly, and Florida State Senator Jack Gordon.

Small group discussions of current problems and trends in various specialist areas were held on Tuesday afternoon.

Participants from similar professions or functional areas met to discuss issues of concern to the group. Acting as conveners for these sessions were Nova DPA graduates, Jules Pagano, Dean of Continuing Education, FIU; James Fleming, Director of Cedars of Lebanon Hospital; John Vaughan, Assistant Director, Catholic Services Bureau of South Florida; and Patrick O'Conner, Chief of Administration, Dade County Department of Public Works. Also, acting as conveners were DPA candidate, Charles Black, Chief of Administration, Dade County Public Safety Department; Don Jackson and Bernie Rashis, Cluster Directors; and Peter A. Korn, Program Professor.

James Humes, Presidential Speech Writer, presented a talk entitled "A View From the White House" and discussed the impending changes resulting from Jimmy Carter's victory of the week before. Humes indicated that a new presidential administration would have to learn how to mesh the functions of political executives to the career bureaucracy, since the career bureaucracy existed in a triangular relationship with congressional committees and interest groups. Humes, a noted public speaker, led an interesting follow-up discussion in the Club Room after his speech.

Behavioral Science Director, Franklin R. Kilpatrick, spoke Wednesday on "Perception, Modification and Learning," and on Thursday, Harvey Sherman, Director of Organization and Procedures at the Port Authority of New York and New Jersey, and Chairman of the Board of Governors of the GPPA, spoke on "How Organizational Decisions Really Get Made."

The workshop closed with a Friday meeting of the Board of Governors. Arrangements and logistics were handled by GPPA Assistant Director Alan T. Penn and Administrative Officer Laura Rachko.

Boston to San Francisco and from Miami to Seattle. He has served on the operations staff for 75 educational conferences and conventions. He was the editorial director for the weekly newsletter *Education, USA* from its founding in 1958 until March 1976.

Wilson has participated in two planning sessions with Nova faculty, directors of special programs, and the administrative staff. He expects to work closely with Nova graduates in all parts of the United States in developing alumni programs which will be of maximum service to former students and the University. The new alumni program will operate as a part of the Office of Development, of which Joseph P. Murphy is director.

Roy K. Wilson

(continued from page 1)

radio and television relations for the National Education Association (NEA), and as staff director for NSPRA. He relinquished his NEA duties in 1968. For the past eight months he has been serving as a consultant to the Educational Research Service, a nonprofit organization sponsored by six national school administrator associations, with headquarters at Arlington, Virginia.

Prior to his association with NSPRA, Wilson was a newspaper reporter, a staff member with two national magazines, and a director of college public relations and alumni services for five years. He earned his bachelor's degree at Eastern Illinois University and his master's degree at the University of Illinois. In 1959, he was awarded an honorary doctor of letters degree by Glassboro State College in New Jersey for his work in educational communications. He served four years with the U.S. Navy during World War II.

During his service in Washington, Wilson helped two professions come of age, education news reporting and school public relations. In 1947 he was one of the ten founders of the Education Writers Association when it was organized in Cincinnati to help the nation's news media improve coverage of education.

In 1950, the National School Public Relations Association established a national office in Washington. He became the first staff director for that organization. It now serves more than 30,000 educators and school board members in school districts, state departments of education and other educational agencies throughout the United States and Canada with more than one million dollars worth of communication services each year.

Since 1954, Wilson has directed 22 national seminars on communications in major cities throughout the nation from

Forman Dedication

(continued from page 1)

"The father of these two outstanding men, Hamilton M. Forman, was himself a legend in his own time. Hamilton had been a distance runner on the track team of the University of Illinois. He was the son of a distinguished individual, an Illinois congressman named William St. John Forman who became Commissioner of Internal Revenue under President Grover Cleveland.

"H. M. Forman and his wife Blanche bought ten acres of land in western Broward while they were still in Illinois, and in 1914 they arrived here to settle on it. When they arrived there they found absolutely nothing. There were no other settlers in sight.

"In time the Forman holdings came to cover many hundreds of acres in the Davie area. Part of those holdings came to be Forman Field, and Forman Field later became the site of one of the most unusual, most significant and most imaginative ventures in the history of education in this country — the Nova educational complex, a welding of elementary, secondary and higher education, public and private, of a kind that has rarely been seen in this country."

G.P.P.A. WORKSHOP PARTICIPANTS



Franklin Rouse, Huntsville, Ala.; Robert J. Armstrong, West Florida, B.J. Collister, South Florida.



Anneliese Dilworth, Huntsville; Margaret Henderson, Huntsville; Leonard Winter, Huntsville; Ronald Moseley, Chicago; Eldridge Freeman, Chicago.

Enrollment Growth

(continued from page 1)

Nova opened the doors of its Davie campus in the fall of 1967 with 17 students — and an equal number of faculty members.

Today the faculty and administrative staff total 420, Dr. Fischler said.

Nova College, the university's undergraduate division, now has 547 students.

Enrollment in a Dade County program called Modern Educational Systems, offering master's degrees for school teachers, increased to 765 this year from 260 in 1975, the president reported.

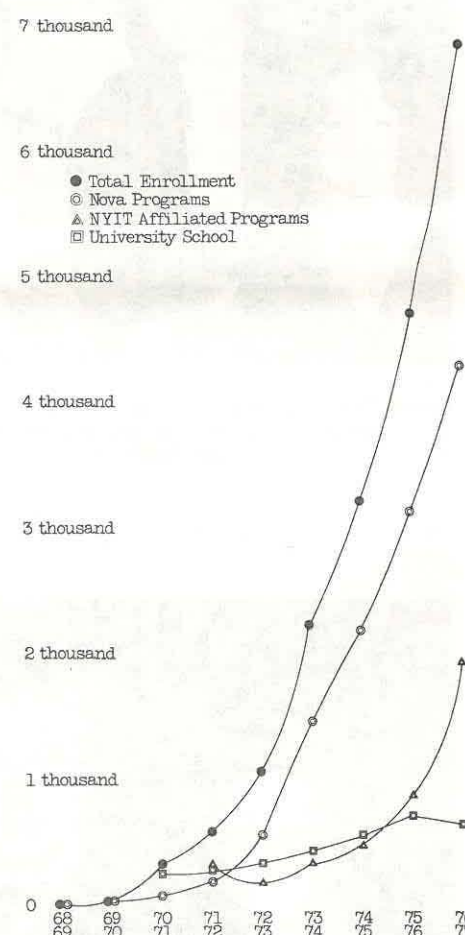
The Law School grew from 340 students last year to 480 this year.

The University, the president's report shows, has 532 students in its criminal justice programs, 450 taking bachelor's degrees in education in Broward and Dade counties, 307 students in the behavioral sciences and 250 taking master's degrees in business administration.

The 651 pupils in Nova's University School, in grades from kindergarten through high school, bring the overall total of persons in the university's system to 6,831.

Enrollment figures in many colleges and universities are not necessarily a measure of quality. However, since Nova's enrollment is primarily due to the increased number of mature adults seeking to improve their professional skills and, therefore, the institutions and agencies in which they perform these skills,

Fall Enrollment At Nova University



the figures are significant. These adults demand quality education and our programs are delivering it in a way which makes it meaningful and accessible to the practicing professional.

UNIVERSITY SCHOOL UPDATE

The University School of Nova University began its 12th academic year with an enrollment of over 650 students in pre-kindergarten through 12th grade. This figure is expected to reach a maximum enrollment of 700 by midyear, according to Dr. Joseph Randazzo, Headmaster.

The faculty, administration and maintenance staff now total 90. New faculty members are teaching in the areas of English, math and science in the Upper House. There are 10 new staff members in the other houses, including more Montessori trained faculty in the Pre-school. There is also a full-time swimming coach for young swimmers and the Middle House and Upper House swim teams.

Physical improvements include two outdoor teaching pavilions to the east of the school and twice the amount of playground equipment as there was last year to serve Middle House students. Future plans include a soccer field and softball diamonds for Upper House students to the north of the school.

"We are launched on what appears to be a productive year with new programs and new opportunities for our students," says Dr. Randazzo. "This includes an expanded science program and course offerings in calculus, trigonometry and computer science.

"Our eleventh and twelfth graders, this year for the first time, are able to enroll in Nova College courses at an advanced

Students Produce Coloring Book



A coloring book based on historic sites in Broward County dating back to 1915 was produced by students at The University School of Nova University to help celebrate Broward County Pioneer Days held October 9 and 10 at Port Everglades.

The seven to 11-year-old artists drew their pictures from old photographs supplied by Marlyn Kemper of the Broward County Historical Commission. The special bicentennial project was the idea of Dr. Leonard Tomasello, a sometimes artist himself and director of Lower House II and the Middle House at The University School.

Pictures include a jaunty school bus from 1918, some Dania Beach bathing beauties whose bodies somehow resemble a banana and a pea pod, and a lopsided Davie General Store (which in 1916 also served as icehouse, post office, boat landing and loading dock). The first Broward County Courthouse flies a flag with stars on the outside and stripes in the middle, and the first Baptist Church looks a bit like a railroad trestle.

But the spirit of the Florida frontier is captured in full flavor, if not the exact detail of each edifice.

"The children had fun doing this bicentennial project and learned a lot of history of Broward County in the process," observed Dr. Tomasello.

Copies of the 60-page coloring book are \$2 and may be ordered from The University School.

Dr. Joseph D. Randazzo



Dr. Armand Cerbone

level while concurrently completing their requirements for graduation. Ms. Julia Rose, for example, will have completed 18 hours in the College on the day that she receives her diploma from the University School.

"We are also fortunate to have as our new Director of Guidance, Dr. Armand R. Cerbone," Dr. Randazzo points out.

Dr. Cerbone, who also serves as associate professor of psychology, Behavioral Sciences Center of Nova University, holds his Ph.D. from the University of Notre Dame. His M.A. in counseling psychology is also from Notre Dame and his B.A. in philosophy is from St. John's Seminary College, Boston.

For the past three years he had been coordinator of Community Outreach Programs at the University of Illinois Medical Center and also conducted a private practice in Chicago.

"I will be providing counseling to parents and teachers about everyday parental and educational issues which create a lot of anxiety," said Cerbone. "But I'm not coming in with canned programs. I shall wait and see what's wanted. If it's parenting groups, fine, but they should grow out of the needs and interests of the parents. I want to build around issues they identify.

"I do not pretend to have all the answers but can tell parents, 'Here are the issues to pay attention to in relating to your children.'"

New Swim Team Formed



Back Row: Ron Foertmeyer, Lill Hermes, Suzanne Anderson, Mike Sheperdson, Tom Herman, Britt Weaven. Third Row: Dr. Mike Hart, Karren Manno, Lynne Porio, Jeff Mark, David Herman, Elizabeth Biancerdi, Kim Manno. Second Row: Janes Carol, Charla Waite, Meliane Dion, Bruce Manno, Christy Cook, Denise Longtin, Suzanne Porio. Front Row: Tina Murphy, A.J. Murphy.

Swimmers are not born, they're made. "And you never know when swimmers are going to get good until you train them," says Dr. Mike Hart, coach of the newly-formed Amateur Athletic Union swim team called the Broward Eels Swim Team of The University School (BESTUS). "The formation of this team was made possible by the help of Dr. Fischler, Dr. Randazzo, Dr. Smith and Dr. Tomasello," he points out. "Without their cooperation, enthusiasm and the use of their pool, BESTUS would only be a dream instead of actuality."

The team has been in existence for only three months but through Hart's efforts the swimmers have made great progress. Hart is an internationally known swimming coach who has coached swimmers to the Nationals and the Olympics. He also coached the Navy Juniors at Annapolis during four years of undefeated competition. He is a stroke analysis expert whose main goal is to make each swimmer's stroke perfect. "Through perfection comes speed," is his philosophy.

Friend of Nova University Earl Vettel

The desire to see an outside study area developed for students prompted Earl Vettel, friend and benefactor of Nova University and a resident of Davie for 30 years, to provide several species of Florida trees for the pond to the north of The University School.

"I wanted to see an outdoor area that provided a relaxing place for the students to study," says Vettel. He says that the area is in a unique position in the layout of the university and sees it as a study, ecological and picnicking area for the students.

The pond was originally dug for fill for construction of The University School in 1974. Now it is a half acre of fresh water with a future. Vettel has stocked the pond with blue gill, bass and channel catfish. Several species of Florida trees, including Live Oak and Florida Red Maple, are planted around the edge.

The first tree planted was donated by the Florida I Real Estate and Construction Co. which gave permission to Bill Spade, Assistant Director of the Physical Plant, and staff to move it to the pond. The 15-year-old Florida Live Oak was root pruned twice before the move under the supervision and help of the Florida Forestry Division, which provided all the equipment, and Bob Schaible, Landscape Supervisor of the University.

Six small Live Oaks and two Jacarandas, grown from seeds brought from Mexico by Vettel, have been added to the area, as well as a Jambolan Plum, moved from his home.

The pond has become an outdoor classroom for students from The University School. Al Finklestein teaches the third, fourth and fifth grades in the program "Experience of Organisms," that encourages children to do things with their hands and learn by their own observations. "We have the children study not only live organisms, but evidence of organisms that are dead," he says. "By going to the pond they learn about their environment."

The children keep an organisms record sheet, listing things they have observed around the pond such as snails, crickets,



Lowering a Florida Oak tree into place are Bill Spade, Assistant Director Physical Plant; Sam Freed, Director Physical Plant; Earl Vettel; Bill Theobald, District Urban Forester Coordinator.

grasshoppers, bird feathers, earthworms and countless others, Finklestein explains. "They build their own terrariums from the materials gathered around the school and pond. The beauty of it is their excitement," he says.

Dr. David Sutton, who heads the University of Florida Agricultural Research Center, will conduct experiments at the pond by using White Amur fish that eat only vegetation. This will help alleviate any weed problem that arises.

Vettel has seen great changes come to Nova University and to the land on which it is built. In 1947, grapefruit and orange groves were growing where buildings now stand. Cattle grazed in the fields that are parking lots. "When the 1947 hurricane hit we were left with four trees. It was flooded for 10 to 14 days and there was four feet of water where we're sitting right now. We brought all the local cattle up to Forman Field — the highest point in Davie. We dropped hay to them until the water receded," Vettel recalls.

Vettel likes to talk about the condition of the land, native trees, fish and changes in the environment—all subjects that are educational for the students.

"Helping to enrich and beautify the land is my interest," says Vettel.

Ready for School



A new program for kindergarten is being developed at Nova University. "Ready for School," a parent education project, was begun in mid-September and will continue through May.

Home visitors, trained in the program, are making weekly visits to the homes of approximately 120 volunteer parents who have pre-school children entering Broward County School kindergartens in the fall of 1977. The visitors assist the parents in assessing their four-year-olds' needs, keeping track of their progress.

Parents participate in a weekly educational toy lending library to help children develop the critical sequences of readiness skills. Children participating in the program hopefully will look forward to a more successful kindergarten experience.

The Ready for School Program is supported by an educational grant to Nova University and the Broward County School Board. Dr. Marilyn Segal, director of the Institute of Child-Centered Education at Nova University, is assisted by Dr. Earl Hughes, project evaluator, and Dee Hastings, coordinator, plus two graduate associates and eight home visitors.

The home visitors have the primary responsibility of carrying on the program, which involves families recruited from eight selected schools in Broward County.

Coral Springs Center Director

DR. VIRGINIA SCIGLIANO



Doctor Virginia Scigliano has joined the Nova University Coral Springs Center as director, and director of the Laboratory for Community-Based Education.

"One major component of this Center is the design, development and testing of organizational and program models for community-based education," she points out. "We hope to incorporate existing research dimensions and develop new research as appropriate. It is expected that programs will be designed and implemented with input, direction, coordination and assistance from the community served—Coral Springs and North Broward County."

It is also anticipated that the National Advisory Panel on Community-Based Education, currently in operation by the Institute for Higher Education, will be utilized as a resource.

"Community-based institutions must march to a different drummer," she comments. "Nova University's field-based programs have already proven that private institutions can take the lead and explore models with far-reaching impact. The strategies for developing such institutions in traditional practice are not clearly delineated, nor is the body of knowledge for such an approach well defined."

The Nova University Coral Springs Center will be able to collect and develop a body of knowledge and a set of strategies utilized during the Center's developmental phases, as well as for projected pilot models, she says.

The Laboratory will be responsible for the collection, compilation and dissemination of information and resources from all areas of community-based education. It will be equipped with readily available audio-visual equipment, and resource persons will be available for assisting individuals carrying out research projects or seeking local community resource information. The Laboratory will serve as a research-resource center for Nova students, professionals and the community.

Currently, there is a national movement to develop community-based institutions, Dr. Scigliano points out. "It is likely that private, innovative institutions, such as Nova University, can adopt such a style more readily and with more flexibility than the public-supported institutions, since their greater freedom from constraints and newer cooperative administrative styles offer a more positive climate for such community-based directions," she adds.

A graduate of the University of Florida where she majored in political science and mathematics, Dr. Scigliano also holds her master's degree in rehabilitation counseling from Gainesville. Her Ph.D. in educational administration is from the University of Texas at Austin.

She has served as an adjunct professor of Educational Administration and Evaluation at Nova University and was a director of Collegium C-4 at Hillsborough Community College, Tampa, Florida. Dr. Scigliano has also served as a Congressional Intern and Educational Specialist to U.S. Congressman C. W. "Bill" Young, as project director of the State Funded Project on General Education at St. Petersburg Junior College and as project director of the State Funded Project on Human Relations, Columbia, S.C.

PRODUCTION TALKS OF SCANNER UNDERWAY

The New York Institute of Technology-Nova University Science and Technological Center at Port Everglades is negotiating with six companies for production of its sonic scanning device for medical diagnosis and preparing to apply for a patent on a solar air conditioning system.

The center, directed by Dr. William E. Glenn, is housed in recently completed quarters on the site of Nova University's Oceanographic Laboratory in Dania.

The scanner employs sound waves rather than X-ray in examination of the human body and is particularly applicable in detecting the potential danger of paralytic stroke in the carotid artery of the neck.

Companies in the field of manufacturing medical instruments are seeking agreements by which they can produce the scanner under royalty and research contracts, Dr. Glenn reported.

Decisions on these applications are to be made within a matter of weeks, he said.

To some degree, he added, the scanner is capable of replacing the costly CAT (Computing Axial Tomography) scanners which have created controversy in the medical field in recent months.

CATs cost in the neighborhood of \$500,000, and their use is expensive to the patient. In some areas, such as Dade County, controversy has arisen because several hospitals have acquired the devices and it is argued that they are sometimes used unnecessarily so they can be paid for.

CATs are valuable for brain scanning, Dr. Glenn said. His sonic scanner is less useful in this work "because we can't get through the skull very well."

It can be used, however, in other applications, such as imaging soft tissue in the abdomen, for which the CATs are being used, "and it costs about one-tenth as much." In addition, the sonic device threatens no harm to the patient because it does not employ X-ray.

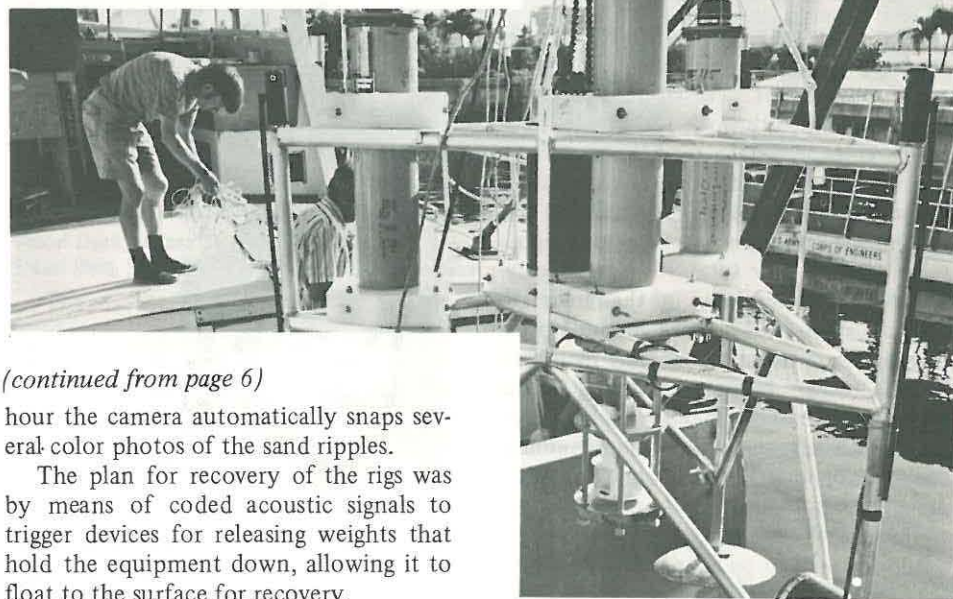
As to the solar air conditioner, the Science and Technological Center director said, "We'll be filing for a patent soon and we could have a small model finished by the end of the year."

It has been designed as a low-cost roof installation for both homes and commercial buildings.

Plans for future programs to be developed at the Nova University Coral Springs Center include:

- **Early Childhood Program**—A Day-care for children of mothers in Nova programs; use of the day-care group in experimental learning activities; training of Nova graduate students in Early Childhood research and lab activities; parent-training programs and learning disability diagnosis and remediation in young children.
- **Cultural and Fine Arts Program**—A film festival at Coral Springs; a quality art exhibit in cooperation with the Fort Lauderdale Museum of Fine Arts; establishment of a poetry and creative writing center.
- **Undergraduate Credit Courses in Community-Based Education**—Modification of existing courses to provide for relevant community experiences for students and the development of guidelines and projects for students seeking to be involved in community change and/or improvement.
- **Non-Credit Courses, Seminars and Workshops**—Probate Law Seminar, Changing Role of Women Workshop, Alternative Women Careers Workshop, etc.
- **Nova College of the Air**—Video courses, live half-hour programs on special subjects.
- **Learning Resource Center**—Video tapes, computerized instruction and an educational technology demonstration center; developmental workshops to create materials.

Dr. Mark Wimbush Recovers Underwater Equipment



(continued from page 6)

hour the camera automatically snaps several color photos of the sand ripples.

The plan for recovery of the rigs was by means of coded acoustic signals to trigger devices for releasing weights that hold the equipment down, allowing it to float to the surface for recovery.

August 23, a month after its installation, 30 miles east of Fort Lauderdale in the Florida Straits, the apparatus was acoustically recalled.

It did not surface.

"After an airplane sweep of the area and an unsuccessful dragging operation, recovery prospects looked dim," Wimbush recalls. "Luckily, based next door to our laboratory was the vessel R/V Wood that had rescued the Johnson-Sea Link submersible. Approval to use the vessel was granted, and our hopes rose."

On September 4 the Youngster III, a research vessel donated to the Oceanographic Laboratory by Cy Young, chairman, Nova University Board of Trustees, set out equipped with the Laboratory's Hi-Fix navigational equipment needed to locate the deployment area. "We were just behind, aboard the R/V Wood with its underwater television cameras," Wimbush explains. "After several hours of suspense a faint image appeared on the TV monitor. A few seconds later the image had grown and sharpened till there was no doubt about it. The apparatus had been found! There was tremendous excitement. From the strobe light's flashes we could see it was still working."

Ten days later, Dr. Wimbush presented his paper "Small Scale Abyssal Processes," complete with photographs, to the Interdisciplinary Session of the Joint Oceanographic Assembly in Edinburgh. The assembly was attended by 700 oceanographic scientists from around the world who meet every six years.

"After Edinburgh I attended the Institute of Oceanographic Sciences near London," says Wimbush. "My talk there was more specialized, 'Sediment Transport in the Deep Florida Straits.' The scientists were surprised at the vigorous movement of the sediment. They were also quite surprised when they saw the date on the current meter record. Usually the time is much greater between experiment and presentation," he commented.

Friends and colleagues at Nova University will greatly miss Dr. Wimbush when he leaves in January to assume the position of Associate Professor of Oceanography at the University of Rhode Island. Dr. Wimbush will be subcontracting most of the engineering work to Nova University from his new post. During September 1977 he will be at sea aboard the submersible Trieste, for research work at three miles depth on the Blake-Bahama Outer Ridge. Dr. Wimbush will be investigating giant furrows discovered by oceanographers from the Woods Hole Institute. "The furrows, about 330 feet apart, are typically six feet wide and six feet deep. It looks as if a giant plow had gone through the ocean floor at this point," he explained.

The expeditions will sail out of Puerto Rico with the Trieste aboard the mother ship, Point Loma. The photographic equipment will be placed in a furrow for a month. Dives will be made each day, lasting about 10 hours each.

"Nova University Oceanographic Laboratory is a very fine place. I shall be sorry to leave," Wimbush said. "It has great potential, a very distinguished future."

ANNE CALVERT

(continued from page 6)

in 1966 Anne Calvert recalls. Today the number has grown to 32, including faculty, students, research associates and supporting staff, she points out. "They are a dedicated and fine group to work with," she comments.

The Nova University Oceanographic Laboratory, located on the Southeast corner of Port Everglades, was designed by Dr. William Richardson, founding director. It was begun with funds from the Office of Naval Research and the National Science Foundation, during the chairmanship of James Farquhar as head of the Nova University Board of Trustees.

The laboratory is situated on 10 acres donated by the Broward County Commission. In 1969, through the generosity of Dr. Charles and Hamilton Forman, construction was begun at the Port Everglades site. A boat basin of about one acre was dredged and bulkheaded; piers and piling were installed and approximately three acres were cleared and graded. Shortly thereafter, the Nova University Board of Trustees authorized the construction of a building comprising about 18,000 square feet of office, shop, photographic, computer and library space. The houseboat was moved to the site in 1970.

A formal dedication of the Charles and Hamilton Forman Building for Oceanographic Research was held November 20, 1976.

"It was a privilege being associated with Bill Richardson's science team," says Ms. Calvert. "In addition to being his secretary, I was involved with the scientific programs and was permitted to join various research cruises. All of his employees were included in the programs as part of the team," she recalls.

"I am also proud to be a member of the scientific group today," she says. "My surroundings are enjoyable and I am challenged by the increased responsibility I now have as administrative specialist."

A native of Arlington, Va., she attended schools in Washington, D.C. and moved to Florida in the early 1960's.

Anne says she finds pleasure in each day, both at the scientific community and during spare time at home or enjoying sports activities.

"I was doing a lot of scuba diving about six years ago, when I got a little fearful that sharks might appear over my shoulder. So for a change I started doing some horseback riding. When the opportunity to buy a pleasure horse presented itself I thought it would be fun. The horse has turned out to be a fine jumper and I am campaigning him through the state of Florida. I am really very lucky to be able to compete so successfully against some very mature and skilled horsewomen. He shows great promise and I am thrilled," she says.

Of the time she spends at the laboratory Anne says, "I like being part of it and seeing at first hand the continued respect the National Scientific Community has in the programs being conducted here."

Graduate Business Program Expands



Dr. Martin Viener, Associate Professor of Management

An expansion of Nova University's Graduate Management Programs is underway with plans for the Doctorate of Business Administration Program to begin after the first of next year.

"Clusters of the Master of Business Administration (MBA) and the Master of Science in Human Resource Management (HRM) are in operation at the University's main campus, the Coral Springs Center, at Miami, and in Orlando," said Program Director Dr. Martin I. Veiner in announcing the expansion plans. "In addition, an HRM cluster is to begin in Tampa in January.

"The MBA and the HRM Programs are keyed to persons already working in these fields," said Dr. Veiner. While the degrees require a common core of coursework,

the MBA is designed primarily for quantitative management and the HRM utilizes management and behavioral science techniques. The HRM Program is a new field designed primarily for those in management who deal directly with people problems. The MBA is a uniform program that has been offered across the country for about 30 years. Nova's program differs in its delivery system and method of presentation. "We are offering the traditional content in a non-traditional way," stated Veiner.

Persons in the MBA/HRM Programs meet every third weekend on Friday night and all day Saturday. On this schedule, a student can complete the program in 18 months while continuing to hold a job.

Dr. Veiner added, "The DBA will be the first DBA in the nation to be offered on an external basis. Many schools offer doctorates, but students must be in residency on the campus. We feel the student should not be taken out of his existing work environment. It is possible laboratory available."

In Nova University's external degree programs, participants meet in clusters in their home area with nationally recognized lecturer-authorities in their field, and participate in summer workshops.

Favorable Trends Point To Economic Change

All the indicators point to a steady improvement in the economy of Broward County, local economists and business leaders agree. Total business receipts and real estate sales are setting new records, housing starts are increasing and the inventory of unsold dwelling units is declining noticeably.

Significantly favorable trends were reported October 29 at a session of the Nova University Executive Conference devoted to an examination of the area's economy.

Southern Bell forecaster David Proctor said that by about the middle of next year the unsold inventory will be down to "approximately a year's supply," and on this basis, "builders are beginning to show a little confidence."

The president of the Fort Lauderdale Board of Realtors, Ted E. Drum, reported that the board's Multiple Listing Service "had the best September in its history," with sales of \$24 million, and the \$190 million recorded for the first nine months of this year slightly exceeds even the boom years of 1973-74.

Atlantic Federal economist Kip Scharlow said that total business receipts for this year are projected at \$6.5 billion — "the highest ever."

Century Banks economist John Gabel observed that "the economy continues up, though some components are up more than others.

"Retail sales are up and the tourist industry looks good and we should see a substantial recovery next year — though it will be another year before the construction industry again begins to make a significant impact."

County Commission Chairman Gerald Thompson hosted the Nova University session keyed to the theme, "The Broward County Economy — Where Does It Stand Today?" Thompson reported encouraging meetings with foreign and domestic investors eyeing Broward County as sites for various ventures.

Nat M. Turnbull, Jr., representing the Port Everglades Authority, said the duty-free port project planned there will have important effects on all types of business in Broward.

Richard Clark, new executive director of the Broward Industrial Board, outlined an aggressive new program for bringing in new manufacturing payrolls through various promotion efforts and advertising in the nation's foremost business magazines.

Land development executive Thor Amle of Palm-Aire said 150 apartment units are under construction there. Joseph P. Taravella, Jr. of Coral Ridge Properties said single-family home construction is booming in the city of Coral Springs.

Banker Harold Satchell, chairman of the Greater Hollywood Chamber of Commerce, commented that "foreclosures and bankruptcies have peaked," and 6,827 dwelling units were permitted in Hollywood during the first nine months of this year, up from 5,510 during the same period last year.

"South Broward," Satchell commented, "in some ways was less affected by the downturn than the rest of the county, and is showing a steady uptrend in manufacturing and processing."

Banker Beck Fisher, speaking for the Greater Pompano Beach Chamber of Commerce, said, "We're making loans now for things like warehouses, small factories and office buildings. We see single-family home construction starting again, retailing looks stable and I don't hear anything but bullish reports on the coming tourist season."

Representatives of most segments of the county's business and industrial community turned out for the session. They were welcomed by President Fischler, and Dr. Martin Veiner of the university faculty reported on programs in business administration now available to employers seeking advanced training for their executives.

EXECUTIVE CONFERENCE PARTICIPANTS



Thor Amle



Nat Turnbull



David Proctor



Gerald Thompson



John Gabel



Kip Scharlow



David Ellington



Beck Fisher

Intern (continued from page 4)

Professor Rogow, director of clinical studies, supervises the interns assigned to the Public Defender's offices in Dade and Broward counties. Professor Sale, formerly of the Watergate Special Prosecution Force, supervises interns at the Dade and Broward State Attorney's offices. Professor Wisotsky, formerly Law Reform attorney at Legal Services of Greater

Miami, Inc., supervises the interns assigned to the Legal Aid and Legal Services offices.

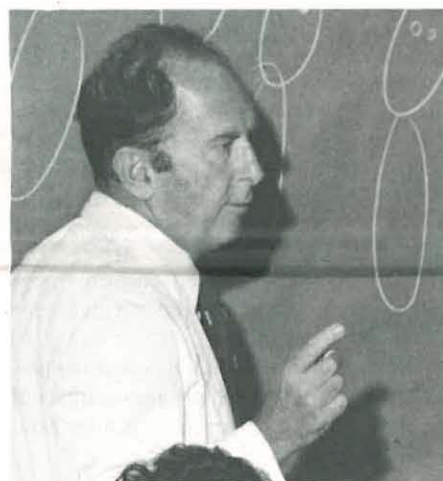
"The clinical program is expected to make a substantial contribution to the South Florida community by assisting public agencies in their work and by developing superior skills of courtroom practice and advocacy," says Dean Laurance Hyde.

Hamsters Used in Testing Chemicals

A new program to provide ultra-clean, pregnant hamsters as test animals in the continuing study of cancer research has been inaugurated by Dr. Joel Warren, director of the Life Science Center of Nova University. The program, which is funded by the National Cancer Institute in Bethesda, Md., will supply hamsters to be used in studies to determine the effects of chemicals found in foodstuffs, drinks and cosmetics.

The cells of the embryonic hamster are highly sensitive and offer a unique situation for the examination of cellular change, Warren said.

There are approximately 500 hamsters presently housed in the laboratories of the Center. These animals mature in isolated homes that are as clean and germfree as possible, allowing the mother hamster to conceive her offspring under strict sanitary conditions. After conception, the pregnant female hamsters are



Dr. Joel Warren, Director Life Science Center

shipped to various cancer testing institutes in the country for research.

Warren emphasized the need for isolation of the hamster and the uniqueness of it as a testing animal because, "its vulnerability and sensitivity to any common virus (germ) could complicate testing." Hamsters embryonic cells can be changed easily by many alterations of their environment.

Dr. John Thurber Attends Conference in Sweden



Dr. John Thurber, Director Professional Staff Development, the School Board of Palm Beach County, Florida, was invited by the Organization for Economic Cooperation and Development to represent the United States at a conference on Strategies for Schools-Focused Support Structure for Teachers in Change and Innovation. The conference, held October 20-22 in Stockholm, Sweden, dealt with

international cooperation and co-development in strategies for in-service teacher training and development.

Dr. Thurber made a presentation on school-based staff development. During his Maxi-I practicum effort, while enrolled in Nova University's National Ed.D. Program for Educational Leaders, Dr. Thurber developed a management model for a school-based staff development program that could be utilized in middle and large sized school districts. During the 1975-76 school year, the school-based staff development program in Palm Beach County schools had a total of 134,235 man hours spent by 3,793 persons in in-service activities. This is an increase in total in-service hours of 44 percent prior to the implementation three years ago of such a management system. There has been a concomitant increase in the positive attitudes toward teachers in participating in-service staff development since the District made the switch to school-based in-service programs, Thurber reports.

Dr. Thurber also presented a summary paper to be used by member countries after the conference.

Faculty

News

Administration



Professor W. R. Jones



Dr. Doil Montgomery



Dr. Leonard Tomasello

PROFESSOR SAM BADER, on leave of absence from the Law School, left immediately after his last class in the spring for a seven-week cross-country automobile trip with his wife. He spent two days in Washington, D.C., at an American Bar Association workshop on the subject of detente. The speakers were high ranking members of the State Department and former high ranking officials of various Government departments.

In mid-September, he went to Greece on vacation. His next scheduled trip is for two weeks to Kenya and Tanzania in March, '77.

In the works, but still very tentative, is a six week automobile trip in June, '77 to Canada.

"In the meantime," he writes, "I will specialize in golf, tennis, swimming, reading (non-law), attending concerts, playing bridge (some in tournaments I hope), entertaining northern friends and family visitors at my home. If I find all of this too boring, I will be back teaching in September, '77 at the end of my leave of absence."

LAURANCE HYDE, JR., Dean of the Center for the Study of Law, taught "Waiver and Certification of Juveniles for Trial as Adults" at the National College of Juvenile Justice, University of Nevada, August 16-20. Dean Hyde published "No Room at the Bar" in *The Florida Bar Journal*, February, 1976. He spoke to the Fort Lauderdale Lions Club September 30 on "Prisons and Corrections."

PROFESSOR W. R. JONES, Visiting Professor of Law, conducted "Drug Abuse and the Criminal Process," a seminar which utilized speakers from both the public and private sector to give law students an overview of how the system attempts to meet the problems of drug abuse. Speakers included a member of Congress, a forensic chemist, drug law enforcement officers, a pharmacologist, judges, a social worker, attorneys and a probation officer.

The ABA Consortium for Professional Education has invited Professor Jones to assist in the preparation of written and audiovisual materials on voiceprint identification. The ABA Consortium develops modular course materials for the use of state and local bar associations and continuing legal education organizations.

PETER A. KORN, Program Professor in Public Administration, spoke to the FAU Student Chapter of the American Society for Public Administration on September 22nd in Boca Raton. Korn's subject was "Nuts and Bolts of Securing Employment in Local Government."

DR. WILLIAM MARKOWITZ, Adjunct Professor of Physics at the Oceanographic Laboratory, has been appointed the 1976-78 representative of the International Astronomical Union to the committee on time of the International Bureau of Weights and Measures, Sevres, France. In August he published "Polar Motion" in *Sky and Telescope*.

DR. DOIL MONTGOMERY, Associate Professor of Experimental Psychology, gave a presentation on biofeedback to the West Broward Study Club (a group of dentists) the last of September. He is scheduled to give a presentation on biofeedback to the Fort Lauderdale Academy of Science in December.

BRUCE S. ROGOW, Associate Professor of Law, conducted a workshop on Advocacy Methods for Insuring the Right to Counsel at a conference in Philadelphia on October 11 and 12. The conference, sponsored by The Law Enforcement Assistance Administration, was concerned with the 1972 Supreme Court decision in *Argersinger v. Hamlin* which extended the right to counsel to misdemeanor cases. Mr. Rogow argued the case in the Supreme Court.

BEVERLY ROWAN, Associate Professor of Law, attended the 23rd Annual Conference of the Florida Association for Retarded Citizens in Miami Beach in September. She also participated in a symposium entitled "Mental Retardation: Inter-disciplinary Responsibility and Public Interaction" in Austin, Texas, October 4-6, and a seminar-conference on Children's Justice in Charlotte, North Carolina, October 10-13.

She was recently named a member of Broward County Association for Retarded Citizens Mental Retardation Human Rights Advocacy Committee; Board of Directors, Broward County Committee for Child Advocacy, Inc.; and the Florida Association for Retarded Citizens Legal Advocacy Committee.

DR. MARILYN SEGAL, Director of the Institute of Child-Centered Education, gave a presentation on Making Child Play Work at a conference of the North Carolina Association for the Education of Young Children. She also recently gave a presentation on the Play and Learn Program in Vancouver.

DR. MURRY TAMERS, Associate Professor of Physical Chemistry, gave a paper entitled "Radiocarbon Transmutation Mechanism for Spontaneous Somatic Cellular Mutations" at the Ninth International Radiocarbon Conference held in June in Los Angeles. A paper was published in *Science* (our best hard science journal) entitled "Total Synthesis Benzene and its Derivatives as Major Gasoline Extenders."

DR. LEONARD TOMASELLO, Director of the Lower House, The University School, recently conducted two workshops on classroom management for St. Louis Church (Miami) and the St. Maurice (Hollywood) Confraternity of Christian Doctrine teachers.

DR. MARK WIMBUSH, Associate Professor of Oceanography, presented a paper entitled "Small Scale Abyssal Processes" at the Joint Oceanographic Assembly, Edinburgh, Scotland, on September 15. See story on page 6.

University School Presents Lecture Series For Parents

"Children's Needs and How They Learn" was the topic of the first in a series of talks for parents and the public offered by The University School of Nova University. The talk by Dr. Joseph Randazzo, Headmaster, raised the following questions: Do you know what needs your children have that most affect their learning? Are your children's needs being met at school and at home? What basic responsibilities does the school undertake? Why team teaching and individualized instruction? Why does the University School let children talk to each other as much as it does?

The lecture series includes: "Motivation and Developmental Psychology," Dr. Marilyn Segal, Jan. 12; "Values and Self Concept," Dr. Armand Cerbone, Feb. 16; "Putting It All Together With the House Directors," panel discussion with Dr. Joan Gelormino, Dr. Leonard Tomasello and Dr. James Smith, March 16. All lectures are at 8 p.m. at The University School and are offered without charge.

Living And Learning Film "Beyond Tomorrow"

The Learning Technology Laboratory has just completed a sound and color film entitled "Beyond Tomorrow." Designed for public presentation, the film is 11 minutes long and portrays three of the Living and Learning Center programs.

The first of the film's three segments presents the Residential Program for boys. The second segment depicts the Foster Parent Project and the third segment presents the Children's Assessment and Treatment Program.

"Beyond Tomorrow" is a positive presentation of the three programs and will be available in Super 8 cartridge and possibly in 16mm film also.

A new short version of the Nova University slide/tape show has been completed. Providing an overview, "Nova University 1976" lasts a little over 12 minutes and is ideal for public presentations. The narration is available on cassette tape with either audible tone or synchronized slide change.

Dr. Wardell Publishes Ed.D. Article



Dr. Douglas Wardell, director of the TV Center at Central Connecticut State College, New Britain, Conn., recently published his Major Applied Research Project for his Ed.D. in the Nova University Program for Community College Faculty in *Education/Industrial Television Magazine*, a nationally syndicated publication. Titled "Which is the Better Presenter, an ITV Instructor or a Trained Communicator?", the article deals with "a research project that demonstrated results its author did not expect."

Dr. Wardell's findings were that "the ratings for TV presentors depended on what was being presented, not on who said it."

His article concludes:

"Until we know and can specifically identify those characteristics that make for a successful ITV teacher, we cannot expect college students to be enthusiastic about being taught by television. We need inspired teaching — true. But there is no reason to assume that the learning process cannot be academically rigorous and at the same time also be entertaining. To this end, we should dedicate our cooperative efforts as academicians and/or media producers."

Nova University Community Singers

Membership is still open in the Nova Community Singers scheduled to begin its winter term in January. At present there are 85 members.

"We have had excellent response to the organization from the community and are very pleased with its achievement to date," says Peggy Barber, director.

College credit of one hour per trimester is available for those who want it. Students may audit the course or take it for one hour of credit per trimester. There is a \$10 audit fee. No auditions are necessary to join.



A screening program for early detection of diabetes, hypertension and other physical problems is being conducted by Dr. Georgia Reynolds, of Nova University. Dr. Reynolds, a pediatrician who practiced locally for many years, visits day care centers throughout Broward County, assisted by Fran Landolino, R.N. Here she examines youngsters at the Cradle Nursery in Fort Lauderdale. The program is cosponsored by the Early Childhood Development Association of Broward County.

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